



National Aeronautics and  
Space Administration



# NASA Space Place

## Educator Newsletter

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### NEWS AND NOTES FOR FORMAL AND INFORMAL EDUCATORS

Space Place is a NASA website for elementary school-aged kids, their teachers, and their parents.

It's colorful!  
It's dynamic!  
It's fun!  
It's rich with science, technology, engineering, and math content!  
It's informal.  
It's meaty.  
It's easy to read and understand.  
It's also in Spanish.  
And it's free!

It has over 150 separate modules for kids, including hands-on projects, interactive games, animated cartoons, and amazing facts about space, Earth science, and technology.

NASA Space Place has a new look! We've now made our content more accessible – check it out here: [www.spaceplace.nasa.gov](http://www.spaceplace.nasa.gov). To keep up with all the latest, follow us on Facebook and Twitter @nasaspaceplace.

*New!*

### Sunspot Cookies

Fun Fact: Our sun has sunspots, which are a result of the changes in magnetic field. Sometimes, these spots can last for a few days – or even a few months! Learn more about sunspots by making your very own sunspot cookies.

<http://spaceplace.nasa.gov/sunspot-cookies>



### All About Jupiter

Have you heard of NASA's Juno mission? Launched on August 5, 2011, this mission will help us gain a better understanding of the formation and structure of Jupiter. Juno is expected to

arrive at the gas giant in just a few months - on July 4, 2016! Learn all about Jupiter here!

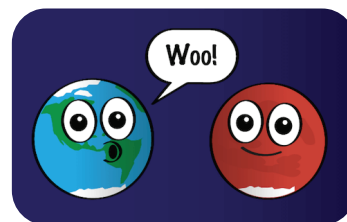
<http://spaceplace.nasa.gov/all-about-jupiter>



### Subscribe to our Monthly E-newsletter!

Interested in keeping up with the latest and greatest news from NASA Space Place? Subscribe to the NASA Space Place Gazette! The NASA Space Place Gazette is for educators, parents, and space enthusiasts of all ages. It includes special bulletins near noteworthy days and NASA events, such as a lunar eclipse, planet flyby, or rover landing. It's easy to subscribe – just click here!

<http://spaceplace.nasa.gov/subscribe>



Explore Earth and space at [spaceplace.nasa.gov](http://spaceplace.nasa.gov)

## Get Ready for Summer!

It's almost time for summer in the Northern Hemisphere. Before you head straight to the beach, learn all about the sun and how it can affect you!



### Where does the sun's energy come from?

<http://spaceplace.nasa.gov/sun-heat>

### How old is the sun?

<http://spaceplace.nasa.gov/sun-age>

### Why does the sun burn us?

<http://spaceplace.nasa.gov/sunburn>



### Make sun paper!

<http://spaceplace.nasa.gov/sun-paper>

## Hosting Any Summer Programs?

Download our NASA Space Place make-and-do activities! We have PDF versions of all our favorites – from “Make Oreo Moon Phases” to “Build a Bubble-Powered Rocket.” These are perfect for the classroom, after school, and summer camps!

<http://spaceplace.nasa.gov/make-do-pdf>



## Special Days

*Noteworthy days in NASA and space history you can observe in your classroom.*

### May 9 — Today, Mercury will move directly between Earth and the Sun.

Learn more about Mercury, the smallest planet in our solar system!

<http://spaceplace.nasa.gov/all-about-mercury>

### May 14 — Happy Astronomy Day!

Are you part of an astronomy club? Join our Astronomy Club Partner Program:

<http://spaceplace.nasa.gov/astronomy-clubs>

### May 30 — Mariner 9 launched to Mars on this day in 1971.

Did you know that Mars is a cold desert world? Learn more here!

<http://spaceplace.nasa.gov/all-about-mars>

### June 3 — The first U.S. spacewalk took place on this day in 1965.

See more astronauts in action!

<http://spaceplace.nasa.gov/gallery-technology>

### June 16 — Valentina Vladimirovna Tereshkova became the first woman in space in 1963.

She orbited 48 times in the Russian (USSR's) spacecraft, Vostok 5. See other women in space at the astronaut image gallery.

<http://spaceplace.nasa.gov/gallery-technology>

### June 22 — James Christy discovered Pluto's moon Charon in 1978.

Explore this icy dwarf planet!

<http://spaceplace.nasa.gov/ice-dwarf>

